LABORATORY

OF THE

INLAND REVENUE DEPARTMENT

OTTAWA, CANADA

BULLETIN 270

TABLE SALT

51127—1

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TABLE SALT

OTTAWA, November 10, 1913.

WM. HIMSWORTH, Esq.,
Deputy Minister,
Inland Revenue.

SIR,—I beg to hand you a report upon 139 samples of table salt, collected by our inspectors during January and February of this year.

None of the samples can be regarded as in any way objectionable, still less as harmful, for the purposes of table salt.

At the same time, they vary in quality through a considerable range, as regards their freedom from other substances than chloride of sodium, which may be regarded as the essential and characteristic constituent of salt.

I think it not unreasonable to require that a purified salt, for table use, should be practically free from other chlorides than sodium chloride; and should contain sulphates in amount less than corresponding to 0·75 per cent of sulphuric acid (SO_3).

The only sulphate usually present in salt is calcium sulphate; and 0·75 per cent SO_3 corresponds to about 1·28 per cent of calcium sulphate.

On this basis, 24 samples contain somewhat higher sulphates than should be found in refined salt.

Thirty samples show excessive amounts (above 0·1 per cent) of insoluble matter. In all cases this is of harmless character; and appears to be purposely added in order to reduce the hygroscopicity of the salt, and thus to prevent caking. As I pointed out in Bulletin No. 220, the fact of such addition should be noted on the label.

Owing to press of other work, it has not yet been found possible to fix standards for this article. This will be done as soon as practicable.

I beg to recommend publication of this report as Bulletin No. 270.

I have the honour to be, sir,
your obedient servant.

A. McGILL,
Chief Analyst.

51127—1½

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vendor.	
				Quantity.	Cents.	Manufacturer.	Furnisher.
DISTRICT OF NOVA SCOTIA—							
1913.							
Jan. 14	Table salt.	46661	A. L. Doyle & Co., Halifax, N.S.	3 lbs.	5	Canadian Salt Co., Windsor, Ont.	John Tobin & Co., Halifax, N.S
" 16	" ..	46662	T. J. Brown, Halifax, N.S.	3 "	5	" " ..	Morrison & Williams, Halifax, N.S.
" 17	" ..	46663	Wentzells Ltd., Halifax, N.S.	2 "	10	Diamond Crystal Salt Co., St. Clair, Mich.	Manufacturers
" 17	" ..	46664	Wm. Moore, Halifax, N.S.	3 "	5	" " ..	"
" 22	" ..	46665	De Wolf & Lamont, Kentville, N.S.	3 "	5	Canadian Salt Co., Windsor, Ont.	R. B. Seeton & Co., Halifax, N.S.
" 22	" ..	46666	Yerxas Store, Halifax, N.S.	3 "	5	" " ..	H. W. Cole, St. John, N.B.
" 23	" ..	46667	A. F. Ross & Co., Truro, N.S.	2 "	10	Diamond Crystal Salt Co., St. Clair, Mich.	McColloch, Creelman & Morrison, Truro, N.S.
" 23	" ..	46668	H. W. Ryan & Co., Truro, N.S.	2 "	5	" " ..	" ..
" 23	" ..	46669	The Truro Market, Truro, N.S.	2 "	5	" " ..	" ..
" 23	" ..	46670	B. O. Bishop, Dartmouth, N.S.	2 "	5	Canadian Salt Co., Windsor, Ont.	John Tobin & Co., Halifax, N.S.
DISTRICT OF PRINCE EDWARD ISLAND—							
Jan. 4	Table salt.	46359	Beer & Goff, Charlottetown, P.E.I.	1 lb.	2	Canadian Salt Co., Windsor, Ont.	.....
" 7	" ..	46360	Sanderson & Co., Charlottetown, P.E.I.	1 "	2	Windsor Salt Co., Windsor, Ont.	.....
" 8	" ..	46361	Coffin & Co., Charlottetown, P.E.I.	1 "	2	Canadian Salt Co., Windsor, Ont.	.....
" 8	" ..	46362	W. W. Walker, Charlottetown, P.E.I.	1 "	2	.....	J. A. Farquharson, Charlottetown, P.E.I.
" 13	" ..	46363	A. Gates & Co., Charlottetown, P.E.I.	1 "	2	Unknown	Carvell Bros., Charlottetown, P.E.I.
" 13	" ..	46364	Stewart & Son, Charlottetown, P.E.I.	1 "	2	Canadian Salt Co., Ltd., Windsor, Ont.	.....
" 14	" ..	46365	J. A. Hynes, Kensington, P.E.I.	1 bag.	5	" " ..	.....
" 15	" ..	46366	Brace McKay & Co., Ltd., Summerside, P.E.I.	1 tin.	10	" " ..	.....
" 15	" ..	46367	Sinclair & Stewart, Summerside, P.E.I.	1 "	10	Dearloan & Son, St. John, N.B.	.....
" 17	" ..	46368	L. Hazzard, Charlottetown, P.E.I.	1 "	12	" " ..	.....

TABLE SALT.

Inspector's Report. (Is not an expression of opinion.)	Results of Analysis.						No. of Sample.	Remarks and Opinion of the Chief Analyst.
	Moisture.	Insoluble.	SO_3.	Lime (CaO).	Magnesia (as Chloride) $MgCl_2$.	Remarks.		
R. J. WAUGH INSPECTOR.								
	p. c.	p. c.	p. c.	p. c.	p. c.			
"Windsor" Salt.	0·21	Trace ..	0·54	0·39	Trace ..	....	46661	
.....	0·21	" ..	0·57	0·43	" ..	....	46662	
"Shaker" Salt.	0·14	0·45	0·14	Trace ..	....	Contains 1 per cent $MgCO_3$.	46663	Insoluble matter high.
"Peerless" Brand	0·08	Trace ..	Trace ..	0·08	Trace ..	....	46664	
....	0·12	" ..	0·63	0·43	" ..	....	46665	
.....	0·17	" ..	0·50	0·37	" ..	.....	46666	
....	0·12	0·45	0·09	Trace ..	....	Contains 1 per cent $MgCO_3$.	46667	Insoluble matter high.
....	0·11	Trace ..	0·32	0·24	Trace ..	....	46668	
.....	0·06	" ..	0·21	0·17	" ..	....	46669	
....	0·19	" ..	0·83	0·57	" ..	....	46670	Sulphates high.
WM. A. WEEKS INSPECTOR.								
....	0·19	Trace ..	0·48	0·39	Trace ..	....	46359	
....	0·19	" ..	0·59	0·45	" ..	....	46360	
....	0·23	" ..	0·56	0·41	" ..	....	46361	
.....	0·22	" ..	0·53	0·29	" ..	....	46362	
....	0·15	" ..	0·42	0·31	" ..	.....	46363	
.....	0·17	" ..	0·6	0·49	" ..	Sample received in damaged condition.	46364	
.....	0·11	" ..	0·59	0·41	" ..	....	46365	
....	0·23	0·92	0·57	0·10	0·66	Residue mostly $CaCO_3$ and $CaSO_4$.	46366	Insoluble matter high.
.....	0·22	2·18	0·57	0·32	Trace ..	Residue is starsh..	46367	" "
..	0·43	0·80	0·58	0·45	" ..	" " .	46368	" "

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vendor.	
				Quantity.	Cents.	Manufacturer.	Furnisher.
DISTRICT OF NEW BRUNSWICK—							
1912.							
ec. 20	Table Salt.	50535	H. S. Francis, St. John, N.B.	1 lb.	3		G. E. Barbour & Co., Ltd., St. John, N.B.
" 23	"	50536	P. Nase & Son, St. John, N.B.	1 "	5		Gandy & Allison, St. John, N.B.
1913.							
an. 7	"	50537	John McKnight, Fredericton, N.B.	1 bag	5	The Canadian Salt Co., Ltd., Windsor, Ont.	
" 9	"	50538	M. S. Moorehouse, Woodstock, N.B.	1 "	5	" "	
" 14	"	50539	Herman A. Myers, Norton, N.B.	1 "	5	" "	
" 15	"	50540	Mills, Eveleigh Ltd., Sussex, N.B.	1 "	5	Diamond Crystal Salt Co., St. Clair, Mich., U.S.A.	
" 15	"	50541	Sussex Mercantile Co., Ltd., Sussex, N.B.	1 "	12	The Can. Salt Co., Ltd., Windsor, Ont.	
" 16	"	50542	D. A. McBeath, Moncton, N.B.	1 "	10	Diamond Crystal Salt Co., St. Clair, Mich., U.S.A.	
" 16	"	50543	Geo. A. Robertson, Moncton, N.B.	1 lb.	3	The Canadian Salt Co., Ltd., Windsor, Ont.	
" 16	"	50544	2 Barkers, L Moncton, N.B.	1 "	3		
DISTRICT OF QUEBEC—							
1912.							
Dec. 23	Table Salt.	37118	Ed. Gagnon, 138 Rue Dorchester, Quebec.	1 sack.	5	Windsor, Ont.	Unknown
" 23	"	37119	E. D. Marier, 136 Rue Dorchester, Quebec.	1 "	5	"	J. B. Reneaud
" 26	"	37120	Jos. Goslin, 50 Rue Dorchester, Quebec.	1 "	5	Royal Table Salt	Ed. Frenette, Quebec.
" 26	"	37121	Ed. Verreault, 204 Rue de la Reine, Quebec.	1 "	5	Peerless, Bristol	Langlois & Paradis.
" 26	"	37122	A. Cloutier, 132 Rue Laliberté, Quebec.	1 "	5	"	Drouin & Frère
" 27	"	37123	W. Hayfield, 60 Rue Ste. Marguerite, Quebec.	1 "	5	Windsor, Ont.	J. B. Reneaud & Cie.
1913.							
Jan. 3	"	37124	Hamel & Bédard, 728 Rue St. Valier, Quebec.	1 "	5	"	Turcot & Frère
" 3	"	37125	L. Desgagné, 914 Rue St. Valier, Quebec.	1 "	5	Family Dairy	Gagnon & Garent
" 3	"	37126	Cantin et Frère, 271 Rue St. Joseph, Quebec.	1 "	5	Windsor, Ont.	Turcot & Co.
" 7	"	37127	Ayrand & Pouliot, 70 Rue de la Couronne, Quebec.	1 "	5	"	Unknown.

TABLE SALT.

Inspector's Report. (Is not an expression of Opinion).	Results of Analysis.						No. of Sample.	Remarks and Opinion of the Chief Analyst.
	Moisture.	Insoluble.	SO_3.	Lime (CaO).	Magnesia (as Chloride) $MgCl_2$	Remarks.		
J. C. FERGUSON, INSPECTOR.								
	p. c.	p. c.	p. c.	p. c.	p. c.			
.....	0·13	Trace ..	0·65	0·42	Trace	....	50535	
English	0·15	..	0·94	0·58	" ..	.....	50536	Sulphates high.
.....	0·13	" ..	0·[illegible]	0·36	" ..	.....	50537	
.....	0·08	" ..	0·71	0·44	" ..	... .	50538	
.....	0·38	" ..	0·50	0·31	"	....	50539	
.....	0·09	"	0·18	Trace ..	" ..	.....	50540	
Regal Table Salt.	0·26	1·06	0·66	0·16	0·71	Residue is Ca SO_4 and Mg CO_3.	50541	Insoluble matter high.
"Shaker" Brand.	0·09	0·62	0·12	Trace .	0·50	Residue is Ca CO_3 and Mg CO_3.	50542	" "
.....	0·21	Trace ..	0·72	0·49	Trace ..	....	50543	
.....	0·28	" ..	0·89	0·61	" .	....	50544	Sulphates high.
F. X. W. E. BELAND, INSPECTOR.								
.....	0·21	Trace ..	0·96	0·56	Nil.....	.....	37118	Sulphates high.
.....	0·23	" ..	0·69	0·50	"	.....	37119	
.....	0·21	" ..	0·64	0·50	Trace .	....	37120	
.....	0·09	"	0·34	0·28	" ..	.....	37121	
.....	0·11	" ..	0·24	0·19	Nil.....	.....	37122	
.....	0·18	" ..	0·54	0·39	"	.....	37123	
.....	0·15	" ..	0·60	0·49	"	.....	37124	
.....	0·20	" ..	0·56	0·43	Trace ..	.....	37125	
.....	0·11	" ..	0·57	0·37	" ..	.....	37126	
.....	0·15	" ..	0·56	0·39	" ..	.....	37127	

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Costs.		Name and Address of Manufacturer or Furnisher as given by the Vendor.	
				Quantity.	Cents.	Manufacturer.	Furnisher.
						DISTRICT OF EASTERN QUEBEC—	
1912.							
Dec. 19	Table salt.	53302	F. Chouinard, St. Pamphile.	1 lb.	2	The Royal Table Salt Co., Canada.	
" 24	" ..	53305	Talbot Ltd., Rimouski..	1 "	2	Canadian Salt Co., Windsor, Ont.	
" 26	" ..	53308	J. E. Pinaau, Fraserville.	1 "	5	" "	
						DISTRICT OF EASTERN TOWNSHIPS—	
1913.							
Jan. 30	Table salt.	51156	L. Lafrance, Danville, Que.	1 bag.	10		
" 30	" ..	51157	H. Brodeur, St. Hyacinthe, Que.	1 "	5		
" 30	" ..	51158	E. Lafrance, St. Hyacinthe, Que.	1 car ton.	5	Diamond Crystal Salt Co.	
" 30	" ..	51159	J. B. St. Pierre, St. Hyacinthe, Que.	2 lbs.	2		
Feb. 6	" ..	51160	J. A. Baraby, St. Jacques St., St. Johns, Que.	1 bag.	5	Canadian Salt Co., Ltd.	
" 6	" ..	51161	A. Dubois, St. Jacques St , St. Johns, Que.	2 lbs.	2	Unknown	
" 6	" ..	51162	P. J. Roy, St. Jacques St., St. Johns, Que.	2 "	2	"	
" 6	" ..	51163	" " ..	1 bag.	5	Diamond Crystal Salt Co.	
" 6	" ..	51164	Joseph Chartier, Market Square, St. John, Que.	2 lbs.	2	Unknown	
" 6	" ..	51165	W. Simpson, Grocer, St. John, Que.	1 carton.	15	Cerebos Ltd., England.	
						DISTRICT OF MONTREAL—	
Jan. 22	Table salt.	51088	A. E. Senaat, 191 Villeneuve St. E. Montreal, Que.	1 bag.	5	Canadian Salt Co.	
" 22	" ..	51089	St. Denis Grocery, 1660 St. Denis St., Montreal, Que.	1 lb.	2		
" 22	" ..	51090	S. J. Short, 1551 St. Denis St., Montreal. Que.	1 bag.	5	Canadian Salt Co.	
" 22	" ..	51091	" " ..	2 lbs.	2		
" 22	" ..	51092	A. S. Clement, 151 Rachel St. E., Montreal, Que.	2 "	3		
" 22	" ..	51093	R. & A. Blouin, 137 Duluth Ave. E., Montreal, Que.	2 "	3		
" 22	" ..	51094	M. Kahner, 90 Roy St. E., Montreal, Que.	2 "	2		

TABLE SALT.

Inspector's Report. (Is not an expression of opinion.)	Results of Analysis.						No. of Sample.	Remarks and Opinion of the Chief Analyst.
	Moisture.	Insoluble.	SO_3.	Lime (CaO).	Magnesia (as Chloride) $MgCl_2$.	Remarks.		
A. PELLETIER, INSPECTOR.								
	p. c.	p. c.	p. c.	p. c.	p. c.			
.....	0·35	Trace ..	0·84	0·60	Trace ..	.....	53302	Sulphate high.
....	0·19	" ..	0·49	0·34	" ..	.....	53305	
.....	0·14	" ..	0·62	0·48	Nil.	.....	53308	
J. J. COSTIGAN, ACTING INSPECTION.								
"Empire" Brand	0·18	Trace ..	0·38	0·30	Trace ..	.....	51156	
"Windsor" Brand.	0·19	" ..	0·48	0.33	Nil. ..	.....	51157	
"Shaker" Brand.	0·14	0·80	0·21	0·15	0·24	Residue is $MgCO_3$.	51158	Insoluble matter high.
.....	0·40	Trace ..	0·91	0·66	Trace ..	.....	51159	Sulphates high.
Windsor Table Salt.	0·18	" ..	0·60	0·41	Nil.	.....	51160	
.....	0·44	" .	1·01	0·71	Trace ..	.....	51161	Sulphates high.
.....	0·17	" ..	0·96	0·58	" .	.....	51162	"
.....	0·06	Nil. ..	0·15	0·11	" ..	.....	51163	
....	0·22	Trace ..	0·79	0·50	" ..	.....	51164	
Prepared Cerebos Table Salt.	0·19	3·31	0·98	0·45	" ..	Residue is $MgCO_3$.	51165	Insoluble matter high, sulphates high.
J. J. COSTIGAN, INSPECTOR.								
.....	0·15	Trace ..	0·62	0·43	Trace ..	.....	51088	
.....	0·28	" ..	0·68	0·48	" ..	.....	51089	
.....	0·18	" ..	0·59	0·43	" ..	.....	51090	
.....	0·20	" ..	0·57	0·43	" ..	.....	51091	
.....	0·21	" ..	0·62	0·46	" ..	.....	51092	
....	0·18	" ..	0·88	0·55	" ..	.....	51093	Sulphates high.
.....	0·15	" ..	0·85	0·58	" ..	.....	51094	"

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost. Quantity.	Cost. Cents.	Name and Address of Manufacturer or Furnisher as given by the Vendor. Manufacturer.	Furnisher.
DISTRICT OF MONTREAL							
1913.							
Jan. 22	Table Salt.	51095	J. Meriner, 16 Roy St. E., Montreal.	2 lbs.	2		
" 22	" "	51096	S. Feldman, 34 Pine Ave. E., Montreal.	2 "	2		
" 22	" "	51097	S. L. Mathanson & Son, 18 Ontario St. E., Montreal.	2 "	2		
DISTRICT OF OTTAWA							
1912.							
Dec. 23	Table Salt.	51657	Mundle & Percival, Kemptville.	1 bag	5	Canadian Salt Co., Windsor, Ont.	Jno. Eligh, North Rideau.
" 24	" "	51658	Jno. McKinnon, Alymonte.	1 "	10	" "	Mathewson's Sons, Montreal.
" 26	" "	51659	W. J. Martin, Buckingham.	1 "	5	" "	Chaput, fils et Co., Montreal.
" 26	" "	51660	McCallum & Lahaie, Buckingham.	1 "	5	" "	Verret, Stewart & Co., Montreal.
" 26	" "	51661	P. Lamoureux & Cie, Dalhousie St., Ottawa.	1 "	5	" "	Provost & Allard, Ottawa.
" 30	" "	51662	A Boivin, Queen St. west, Ottawa.	1 "	5	" "	Unknown
" 30	" "	51663	R. Lavigne, Queen St. west, Ottawa.	1 "	5	" "	"
" 31	" "	51664	J. C. Ray, Elgin St., Ottawa.	1 "	5	" "	Castle & Co., Ottawa.
" 31	" "	51665	Crabtree & Trowbridge, Elgin St., Ottawa.	3 box's	30	The Snowflake Salt Co., New York City.	" "
" 31	"	51666	D. A. Younghusband, Elgin St., Ottawa.	1 bag	5	Canadian Salt Co., Ltd., Windsor, Ont.	
DISTRICT OF KINGSTON							
Dec. 17	Table Salt.	53026	A. Glover, Kingston	3 lbs.	5	Windsor	
" 17	" "	53027	J. Crawford, Kingston	3 "	5	"	
" 17	" "	53028	D. Coupie, Kingston	3 "	5	"	
" 17	" "	53029	Anderson Bros., Kingston.	3 "	5	"	
" 18	" "	53030	Wm. J. Patterson, Belleville.	3 "	5	Canadian Salt Co., Windsor.	
" 18	"	53031	F. Rosevear, Port Hope.	3 "	5	" "	
			H. Bradshaw, Peterboro'.	3 "	5	" "	
" 19	" "	53032					
" 19	" "	53033	J. E. Lillico, Peterboro.	3 "	5	" "	
" 19	" "	53034	J. H. Heal, Peterboro.	3 "	5	" "	
" 19	" "	53035	W. J. Roulty, Peterboro.	3 "	5	" "	

TABLE SALT.

Inspector's Report. (Is not an expression of Opinion).	Results of Analysis. Moisture.	Insoluble.	SO_3.	Lime (CaO).	Magnesia (as Chloride) $MgCl_2$.	Remarks.	No. of Sample.	Remarks and Opinion of the Chief Analyst.
Concluded.								
	p. c.	p. c.	p. c.	p. c.	p. c.			
	0·17	Trace ..	1·06	0·70	Trace ..		51095	Sulphates high.
	0·22	"	0·83	0·80	" ..		51096	"
	0·22	" ..	0·82	0·58	" ..		51097	"
J. A. RICKEY, INSPECTOR.								
	0·23	Trace ..	0·58	0·41	Trace ..		51657	
	0·15	" ..	0·66	0·47	Nil.		51658	
	0·19	" ..	0·65	0·48	"		51659	
	0·	· ..	0·58	0·44	Trace ..		5166	
	0·22	" ..	0·50	0·38	Nil.		51661	
	0·15	" ..	0·45	0·34	"		51662	
	0·19	" ..	0·61	0·46	Trace ..		51663	
	0·20	" ..	0·67	0·56	" ..		51664	
	0·34	0·60	0·65	0·36	0·38	Residue is $MgCO_3$.	51665	Insoluble matter high.
	0·20	Trace ..	0·62	0·47	Nil.		51666	
JAS. HOGAN, INSPECTOR.								
	0·25	Trace ..	0·76	0·68	Nil.		53026	
	0·12	" ..	0·52	0·37	Trace ..		53027	
	0·16	" ..	0·46	0·33	Nil.		53028	
	0·18	" ..	0·56	0·43	"		53029	
	0·15	" ..	0·40	0·34	Trace ..		53030	
	0·14	" ..	0·76	0·53	"		53031	
	0·19	" ..	0·57	0·44	" ..		53032	
	0·18	" ..	0·89	0·82	"		53033	Sulphates high.
	0·22	" ..	0·64	0·54	Nil.		53034	
	0·17	" ..	0·52	0·39	Trace ..		53035	

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost. Quantity.	Cost. Cents.	Name and Address of Manufacturer or Furnisher as given by the Vendor. Manufacturer.	Furnisher.
DISTRICT OF TORONTO							
1912.							
Dec. 26	Table salt.	51521	Warren Bros. & Co., 87 Front St. West, Toronto.	1 lb.	5	The Carey Salt Co., Hutchison, Kan.	
" 26	"	51522	The Davidson & Hay, Ltd., 36 Young St., Toronto, Ont.	1 "	10	The Selphosa Salt Co., Ltd., London, N.	
" 26	"	51523	H. P. Eckardt & Co., 19 Front St. West, Toronto.	2½ "	5	Diamond Crystal Salt Co., St. Clair, Mich.	
" 26	"	51524	J. M. Evans & Co., 1743 Dundas St. West, Toronto.	1 "	5		Unknown
1913.							
Jan. 7	"	51525	T. Kinnear & Co., 49 Front St. East, Toronto.	2 "	3		Canadian Salt Co., Ltd., Windsor.
" 7	"	51526	Eby Blain Ltd., 21-23 Front St. East, Toronto.	2 "	10	Packaged by vendors	
" 7	"	51527	Canada Brokerage Co. Ltd., 9 Front St. East, Toronto.	2 "	Nil	The Dom. Salt Co., Ltd., Sarnia.	
" 7	"	51528	Toronto Salt Works, 128 Adelaide St. East, Toronto.	2 "	5	Packaged by vendors	
" 7	"	51529	Swan Bros., 162 King St. East, Toronto.	2 "	10		Toronto Salt Works, Toronto.
" 7	"	51530	James Lumbers Co., Ltd., 6, Front St. East, Toronto.	2 "	8	Western Salt Co., Ltd., Mooretown, Ont.	
DISTRICT OF WINDSOR							
Jan. 2	Table salt.	47904	Wm. Cross, Strathroy.	1 bag	10	Dominion Salt Co., Sarnia.	
" 3	"	47910	E. J. Coles Co., Woodstock, Ont.	1 "	5	" "	
" 3	"	47911	White & Co., Woodstock, Ont.	1 "	5	" "	
" 6	"	47914	Ideal Co-op. Asso. Co., St. Thomas.	1 lb.	5	Canadian Salt Co., Windsor.	
" 6	"	47915	G. M. Charlton, St. Thomas.	1 pkge	5	" "	
" 6	"	47916	A. Dingman, St. Thomas.	1 "	5	" "	
" 6	"	47917	D. H. McIntyre, St. Thomas.	1 "	5	" "	

TABLE SALT.

Inspector's Report. (Is not an expression of opinion.)	Results of Analysis. Moisture.	Insoluble.	SO_3.	Lime (CaO).	Magnesia (as Chloride) $MgCl_2$.	Remarks.	No. of Sample.	Remarks and Opinion of the Chief Analyst.
H. J. DAGER, INSPECTOR.								
	p. c.	p. c.	p. c.	p. c.	p. c.			
"Sunflower" Brand prepared with a small quanity of bicarbonate of soda.	0·19	0·14	0·34	0·15	Trace	.....	51521	
"Salt Selphosa" reg. trade mark.	0·11	1·00	0·10	0·10	Trace	Residue is mostly $MgCO_3$ with a little $CaCO_3$.	51522	Insoluble matter high.
Above 99 per cent pure.	0·05	Nil.	0·10	0·07	"	.....	51523	
"Salt Royal," Salt Royal Salt Co., Manchester, Eng.	0·03	0·23	Nil.	Trace	"	Residue is $MgCO_3$ and $CaCO_3$.	51524	Insoluble matter high.
Windsor Table Salt, purest and best.	0·12	Nil.	0·53	0·38	"	.....	51525	
"Anchor" Brand free running shaker salt.	0·12	1·71	0·70	0·75	0·38	Residue is mostly $MgCO_3$ with some $CaCO_3$.	51526	Insoluble matter high.
"Century" Brand, free from adulterants of any kind.	·34	Trace	1·02	0·74	Nil.	....	51527	Sulphates high.
"Cliffe" Brand.	0·20	0·91	0·55	0·44	"	Residue is starch.	51528	Insoluble matter high.
"Acme" Salt	0·31	1·02	0·77	0·56	Trace	" "	51529	"
"Purity" Brand.	0·17	1·06	0·58	0·35	"	Residue is $CaCO_3$.	51530	"
JOHN TALBOT, INSPECTOR.								
Century Table Salt.	0·25	Trace	0·82	0·61	Trace	.....	47904	Sulphates high.
"	0·30	"	1·04	0·73	"	.....	47910	"
"	0·44	"	1·00	0·72	"	.....	47911	"
Windsor Table Salt, purest and best.	0·60	"	0·69	0·38	Nil.	.....	47914	
"	0·13	"	0·52	0·39	Trace	.....	47915	
"	0·12	"	0·5.	0·33	"	.....	47916	
"	0·16	"	0·54	0·42	Nil.	.....	47917	

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vendor.	
				Quantity.	Cents.	Manufacturer.	Furnisher.
DISTRICT OF WINDSOR							
1913.							
Jan. 6	Table salt.	47922	W. A. Mumr, St Thomas.	1 pkge	5	Canadian Salt Co., Windsor, Ont.	.....
" 6	" ..	47923	J. C. Gillman, St. Thomas.	1 "	5	" " ..	.....
DISTRICT OF MANITOBA—							
Feb. 3	Table salt.	48806	Hardy & Buchanan, 112 Osborne St., Winnipeg.	1 lb.	5	Canadian Salt Co., Windsor, Ont.	Campbell Bros. & Wilson, Winnipeg.
" 3	" ..	48807	T. Brown, 193 Pembine St., Winnipeg.	1 "	5	Dom. Salt Co.....	A. MacDonald & Co., Winnipeg.
" 3	" ..	48808	G. T. Grant, 211 Pembina St., Winnipeg.	1 "	5	Canadian Salt Co., Windsor, Ont.	The Codville Co., Winnipeg.
" 3	" ..	48809	J. Bennett, 219 Nassau St., Winnipeg.	1 "	10	" " ..	Richards Brown & Co., Winnipeg.
" 3	" ..	48810	McBeans, Gertrude Ave., Winnipeg.	1 "	10	" " ..	The Codville Co., Winnipeg.
" 3	" ..	48811	W. Nicholson, 605 Corydon Ave, Winnipeg.	1 "	5	" " ..	Campbell Bros. & Wilson, Winnipeg.
" 3	" ..	48812	W. Allison, 759 Corydon Ave., Winnipeg.	1 "	10	Diamond Crystal Salt Co.	Richards Brown & Co., Winnipeg.
" 3	" ..	48813	L. Kervel, 781 Corydon Ave., Winnipeg.	1 "	10	" " ..	" " ..
" 4	" ..	48814	Francis Bros., Norwood Grove, Ont.	1 "	5	Canadian Salt Co., Windsor.	The Codville Co., Winnipeg
" 4	" ..	48815	J. Donnelly & Son, Norwood Grove, Ont.	1 "	10	" " ..	Campbell Bros. & Wilson, Winnipeg.
DISTRICT OF ROCKY MOUNTAINS—							
Jan. 3	Table salt.	49795	J. Davis & Co., Grand Forks, B.C.	1 sack	15	Canadian Salt Co., Windsor.	....
" 3	" ..	49800	J. Donaldson, Grand Forks, B.C.	1 "	10	C. E. Whitney & Co., San Francisco, Cal.	....
" 3	" ..	49801	" " ..	1 jar	15	W. H. Malkin & Co., Vancouver, B.C.	....
" 8	" ..	49805	J. Svoboda, Nelson, B.C.	1 "	15	Diamond Crystal Salt Co., St. Clair, Mich.	.....
" 8	" ..	49808	Hudsons Bay Co., Nelson, B.C.	1 "	15	C. E. Whitney & Co., San Francisco, Cal.	.. ..
" 8	" ..	49809	" " ..	1 sack	10	Canadian Salt Co., Windsor, Ont.	....
" 8	" ..	49810	Citizens Co-op. Asso., Nelson B.C.	1 "	10	C. E. Whitney & Co., San Francisco, Cal.	.. ..
Feb. 8	" ..	49815	Hunter Bros., Rossland, B.C.	1 jar.	15	" " ..	....
" 8	" ..	49816	H. T. Bilkey, Rossland, B.C.	"	15	W. H. Malkin & Co., Vancouver, B.C.	.....
" 8	" ..	49817	" " ..	1 sack	10	Canadian Salt Co., Windsor, Ont.	.....

TABLE SALT.

Inspector's Report. (Is not an expression of opinion.)	Results of Analysis. Moisture.	Insoluble.	SO_3.	Lime (CaO).	Magnesia (as Chloride) $MgCl_2$.	Remarks.	No. of Sample.	Remarks and Opinion of the Chief Analyst.
—Concluded.								
	p. c.	p. c.	p. c.	p. c.	p. c.			
Windsor Table Salt.	0·18	Trace ..	0·36	0·48	Trace ..	.....	47922	
....	0·14	" ..	0·48	0·35	" ..	....	47923	
H. ASHTON, ACTING INSPECTOR.								
.....	0·26	Trace ..	0·65	0·50	Trace ..	....	48806	
.....	0·43	" ..	1·12	0·81	" ..	....	48807	Sulphates high.
....	0·19	" ..	0·81	0·54	" ..	....	48808	"
"Regal" Brand.	0·28	0·95	0·64	0·37	0·45	Residue mostly $MgCO_3$.	48809	Insoluble matter high.
"	0·25	0·90	0·74	0·31	0·48	Residue Mg CO_3 and $CaSO_4$.	48810	"
.....	0·19	Trace ..	0·59	0·41	Nil.....	....	48811	
"Shaker" Brand.	0·15	0·56	0·12	Trace ..	0·36	Residue mostly $MgCO_3$.	48812	Insoluble matter high.
....	0·12	0·55	0·12	" ..	0·36	" " ..	48813	"
....	0·17	Trace ..	0·62	0·45	Trace ..	....	48814	
"Regal" Brand.	0·30	0·90	0·70	0·28	0·49	Residue is $MgCO_3$ and $CaSO_4$.	48815	Insoluble matter high.
THOS. PARKER, INSPECTOR.								
....	0·16	Trace ..	0·47	0·35	Nil. ...	.....	49795	
....	0·07	" ..	Trace ..	0·08	Trace ..	....	49800	
.....	0·25	0·[illegible]	0·71	Trace ..	1·04	Residue is $MgCO_3$.	49801	Insoluble matter high.
.....	0·12	0·28	Trace ..	" ..	0·31	" "	49805	"
"Leslie Baker."	0·07	0·85	" ..	" ..	Trace ..	Residue is $MgCO_3$ with a little $CaCO_3$.	49808	"
"Windsor"	0·15	Trace ..	0·58	0·42	" ..	.....	49809	
'Leslie."	0·10	" ..	0·38	0·33	" ..	.....	49810	
.....	0·14	1·07	Trace ..	Trace ..	0·67	Residue is $MgCO_3$.	49815	Insoluble matter high.
....	0·36	0·95	0·68	" ..	1·08	" " ..	49816	"
.....	0·10	Trace ..	0·32	0·24	Trace ..	.....	49817	

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vendor.	
				Quantity.	Cents.	Manufacturer.	Furnisher.
			DISTRICT OF VANCOUVER				
1913.							
Jan. 25	Table Salt.	38494	A. C. Bartig, Fairview, Vancouver, B.C.	1 pkge	15	C. W. Whitney & Co., San Francisco, Cal.	.....
" 25	"	38495	A. MacFarlane, 1449 Broadway W., Vancouver, B.C.	1 "	15	.....	W. H. Malkin, Vancouver, B.C.
" 25	"	38496	Morrow & Deane, Yew St., Vancouver, B.C.	1 "	5	Canadian Salt Co., Windsor, Ont.	.....
" 24	"	38497	Columbia Produce Co., 2234 Granville St., Vancouver, B.C.	1 "	5	San Francisco Salt Refining Co., San Francisco.	.....
Feb. 20	"	38498	Webster Bros., Granville St., Vancouver, B.C.	1 "	15	Diamond Crystal Salt Co., St. Clair, Mich., U.S.A.	.....
" 20	"	38499	H. H. Owens, Granville and Helmken Sts., Vancouver, B.C.	1 "	10	Windsor Salt Co., Windsor, Ont.	.....
" 20	"	38500	Walford & Roney, Granville St., Vancouver, B.C.	1 "	10	C. E. Whitney & Co, San Francisco.	.....
			DISTRICT OF VICTORIA—				
Jan. 13	Table Salt.	49283	Windsor Grocery Co., 817 Fort St., Victoria, B.C.	1 lb.	5	.....	Simon Leiser & Co., Ltd., Victoria, B.C.
" 13	"	49286	The West End Grocery Co., Ltd., 1002 Govt. St., Victoria, B.C.	1 "	10	E. E. Whitney & Co., San Francisco, Cal.	.....
" 14	"	49290	Dixi H. Ross & Co., 1317 Govt. St., Victoria, B.C.	1 "	10	C. E. Whitney & Co., San Francisco, Cal.	.....
" 14	"	49294	Harrison & McDonald, 1218 Douglas St., Victoria, B.C.	1 "	10	" "	.....
" 15	"	49296	Copas & Young, 631 Fort St., Victoria, B.C.	1 "	10	Canadian Salt Co., Windsor, Ont.	.....
" 15	"	49298	H. O. Kirkham & Co., 741 Fort St., Victoria, B.C.	1 "	10	C. E. Whitney & Co., San Francisco, Cal.	.....
" 15	"	53501	Acton Bros., 1317 Douglas St., Victoria, B.C.	1 "	5	The Sarnia Salt Co., Ltd., Sarnia, Ont.	.....
" 15	"	53503	H. & K. Grocery, 1425 Douglas St., Victoria, B.C.	1 "	5	Windsor Salt Co., Liverpool, Eng.	.....
" 15	"	53505	Woods & White, 1309 Gladstone Ave., Victoria, B.C.	1 "	15	Diamond Crystal Salt Co., St. Clair, Mich.	.....
" 15	"	53507	Wm. Marshall, 1422 Fort St., Victoria, B.C.	1 "	10	Canada Salt Co., Windsor, Ont.	.....

TABLE SALT.

Inspector's Report. (Is not an expression of Opinion).	Results of Analysis.						No. of Sample.	Remark and Opinion of the Chief Analyst.
	Moisture.	Insoluble.	SO_3.	Lime (CaO).	Magnesia (as Chloride) $MgCl_2$.	Remarks.		
J. F. POWER, INSPECTOR.								
	p. c.	p. c.	p. c.	p. c.	p. c.			
	0·15	1·08	0·26	0·45	Trace.	Residue mostly $MgCO_3$.	38494	Insoluble matter high.
	0·30	1·13	0·64	0·32	0·42	Residue is $CaSO_4$ and $MgCO_3$.	38495	" "
	0·18	Trace	0·58	0·44	Nil		38496	
	0·06	Nil	0·05	0·07	Trace		38497	
	0·14	0·67	Trace	Trace	0·40	Residue is $CaSO_4$ and $MgCO_3$.		Insoluble matter high.
	0·22	Trace	0·61	0·46	Trace		38499	
"Leslie's" Table Salt.	0·00		0·15	0·15	Nil		38500	
D. O'SULLIVAN, INSPECTOR.								
	0·29	Trace	0·88	0·60	Trace		49283	Sulphates high.
"Leslie" Salt	0·10	"	Trace	Trace	"		49286	
"	0·10	"	0·27	"	"		49290	
"	0·03	"	0·19	0·14	"		49294	
"Windsor" Table Salt.	0·17	"	0·84	0·47	"		49296	Sulphates high.
"Leslie" Salt	0·08	"	0·18	0·14	"		49298	
"Beaver" Brand Salt.	0·14	"	0·50	0·39	"		53501	
	0·24	"	0·87	0·57	"		53503	Sulphates high.
	0·16	0·68	0·13	Trace	"	Residue is $MgCO_3$.	53505	Insoluble matter high.
"Windsor" Table Salt.	0·21	Trace	0·56	0·42	Nil		53507	